

## HIGH SCHOOL HEALTH SCIENCES COURSE CODES GRADES 9-12

High school (grades 9-12) courses in Health Sciences **require 150 contact hours** per Career and Technical Education (CTE) credit.

Course Code	Course Name	Recommended Grade Levels	Description	High School Credit Options*	License/credential Required**
07021	Sign Language I	9-12	This sequential program begins with the basic knowledge of American Sign Language finger spelling, sign vocabulary, basic grammar and basic conversational skills. Fundamental aspects of the deaf culture and the deaf community are incorporated.	½ or 1 <i>Max credit = 1</i>	License Code: 07020-Sign Language ♦ 9-12
07022	Sign Language II	9-12	Sign Language II will increase understanding of American Sign Language and its cultural features. Sign language vocabulary is increased. Continuation of Sign Language I with greater emphasis on expressive and receptive signing skills. (Pre-requisite, Sign Language I)	½ or 1 <i>Max credit = 1</i>	
07023	Sign Language III	10-12	Continued study of the American Sign Language and its syntax, grammar and cultural features. Opportunities to develop competency and fluency in use of American Sign Language. (Pre-requisite Sign Language II)	½ or 1 <i>Max credit = 1</i>	
07024	Sign Language IV	10-12	Further study of the American Sign Language, its syntax, grammar and cultural features. Advanced skill development in the use of American Sign Language. (Pre-requisite Sign Language III)	½ or 1 <i>Max credit = 1</i>	
07025	Sign Language Cooperative Education	11-12	Provides students with a regularly scheduled, supervised employment opportunity related to sign language occupations in order to develop and improve work skills. The employment must be preceded by or concurrent with, classroom instruction related to the work experience. A training agreement is to be developed between work experience partners outlining the expectations of the experience. The training plan shall include provisions for assessment of student progress and or on-site visits by the instructor during student placement.	1 <i>Max credit = 1</i>	
07031	Nurse Assistant Foundation	9-12	The Nurse Assistant Foundation course offers classroom instruction and the necessary skills practice to those preparing for employment as a certified nursing assistant in a skilled nursing facility, acute care or home health care. This course does not require supervised clinical practice hours, but will provide necessary curriculum and supervised skills training to challenge the state CNA board exam provided by the North Dakota Board of Nursing to become a certified CNA	½ or 1 <i>Max credit = 1</i>	
07032	Nurse Assistant	10-12	The Nursing Assistant Training program offers classroom instruction and clinical practice to those preparing for employment as a certified nursing assistant in a skilled nursing facility, acute care or home health care. This program includes supervised practical training and clinical practice as required by the North Dakota Board of Nursing. A certificate is issued upon completion of the class. Students also can take the state CNA board exam to acquire state certification.	½ or 1 <i>Max credit = 1</i>	

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07033	Health Science I	9-12	The Health Science course is an introduction course to subject matter that pertains to medically related careers. This introduction course is to help students interested in the medical field in determining if a medical career is appropriate for their interests and capabilities. This course will cover subject matter such as History of Medicine, Health Care Systems, Careers in Healthcare and Career Exploration, Personal Qualities and Employability Skills, CPR/First Aid training, Infection Control, Introduction to Anatomy and Physiology and Disease Processes, Safety in Healthcare, Legal and Ethical in Healthcare, Fundamentals of Nutrition, and Growth and Development of the Human Body.	1 or 2 <i>Max credit = 2</i>	License Code: 07033-Health Careers ◆ 9-12
07034	Prevention/Care of Athletic Injuries	9-12	Provides the student with a background in athletic training and basic health care. The course emphasizes injury prevention, first responder management daily for athletic injuries and skills to fulfill the activities of daily living. Students will be able in one semester to complete the requirements to become a student athletic trainer.	½ or 1 <i>Max credit = 1</i>	
07035	Health Science II ◆ Prerequisite: Health Science I	10-12	The Health Science II course is available to students who have taken Health Science I and wish to further investigate their interest in the medical field. This course will allow students to study subject matter covered in Health Science I further and in-depth. Students will expand their skills and knowledge in specific areas of interest as well as have the opportunity for job shadowing experiences in areas of their interest. Emphasis on academics, professional development, leadership, and organizational skills are discussed and practiced throughout this course.	1 or 2 <i>Max credit = 2</i>	
07036	Medical Terminology	9-12	This class is designed to introduce students to the health information technology field. Students will learn prefixes, suffixes and root words for medical terms. This will include meanings, spellings and pronunciations. Emphasis is on building a working medical vocabulary based on body systems. Anatomy and physiology of major organs, pathological conditions, laboratory studies, clinical procedures and abbreviations are studied for each body system. The student will also learn medical terminology as it relates to pathology, diagnostic, surgical, clinical and laboratory procedures, and common abbreviations and acronyms by body systems.	½ or 1 <i>Max credit = 1</i>	License Code: 07033-Health Careers ◆ 10-12

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07040	Medical Records	9-12	To prepare students for employment as medical records clerks. The program covers a wide range of necessary skills including answering the phone, greeting patients, recording, and filing patient medical records, filling out insurance forms, handling correspondence, and scheduling appointments. The student will also gain an understanding of medical terminology and hospital or clinic procedures including making arrangements for hospital admissions and laboratory services, handling billing and bookkeeping.	1 or 2 <i>Max credit = 2</i>	License Code: 07040-Medical Records ◆ 9-12
07044	Emergency Medical Services Foundation	9-12	The Emergency Medical Services Foundations course places a special emphasis on the knowledge and skills needed in medical emergencies. Topics typically include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. The courses may also cover the legal and ethical responsibilities involved in dealing with medical emergencies. These courses may better prepare students to obtain certification such as: Emergency Medical Response (EMR), CPR, First Aid, Incident Command System (ICS), and Wilderness First Responder.	½ or 1 <i>Max credit = 1</i>	License Code: 07045-Emergency Medical Services ◆ 9-12
07045	Emergency Medical Services	9-12	Students enrolling in this course will complete training in CPR for Health Care Providers and the National Curriculum Emergency Medical Technician – Basic Course. The course prepares the student to respond to a wide range of emergencies such as heart attacks, auto accidents, and diabetic problems. Students participate in extensive “hands-on” practical sessions using modern prehospital care equipment under the instruction of paramedics from the local paramedic service. Students also receive exposure to a wide array of health careers using professional guest speakers. Upon completion of the course, students are eligible for ND State licensure testing and they will have extensive knowledge and experience to aid them in choosing a health care career.	1 or 2 <i>Max credit = 2</i>	

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07046	Advanced EMS  Prerequisite: Emergency Medical Services	10-12	The Advanced Emergency Medical Technician (AEMT) program prepares students to provide basic and limited advanced emergency medical care and transportation for patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Advanced Emergency Medical Technicians function as part of the comprehensive EMS response, under medical oversight. AEMT perform interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene to the emergency health care system. Advanced skills taught in the course include IV placement and maintenance, and introduction to cardiac monitoring.	1 or 2  Max credit = 2	License Code: 07045-Emergency Medical Services ♦ 9-12
07050	Medical Diagnostic Technology 1a: Introduction	9-12	Students will explore different diagnostic technology used and essential body systems and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness.		
07999	Health Education Supervised Occupational Experience	11-12	Provides students with a regularly scheduled, supervised employment opportunity related to Health Career Occupations in order to develop and improve work skills. The employment must be preceded by, or concurrent with, classroom instruction related to the work experience, consistent with the student's occupational goals, and related to the health program area. There shall be a training agreement among all partners to the work experience (school, employer, student, and parents/guardians) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer for each student placed. The training plan shall include provisions for assessment of student progress and for on-site visits by the instructor during the student's placement.  <b>NOTE: Students must be at least 16 years old and may be paid a wage by the employer.</b>	Maximum of ½ credit per semester, not to exceed 4 credits while in high school.  Max credit = 4	License Code: 07033-Health Careers ♦ 9-12

\* High school curricular requirements are spelled out in NDCC 15.1-21-02 and High school unit - instructional time is NDCC 15.1-21-03. Maximum credit refers to the maximum units of credit a student may earn for a course over four years of high school. (Example: Band - a student may be enrolled in band all four years of high school -- earning a possible total of four units of credit.)

\*\* Please refer to the second page of the teacher's North Dakota Educator's Professional license to verify which subject areas a teacher is qualified to teach. Licenses and endorsements are obtained on a teaching license from the Education Standards and Practices Board (ESPB).

Credentials are obtained from the Department of Public Instruction (DPI) and are issued to individuals holding a current teaching license.